

INTERAGENCY SINGLE ENGINE AIR TANKER
OPERATIONS GUIDE
Table of Contents

CHAPTER 1 – INTRODUCTION

I.	Objectives.....	1
II.	Scope.....	1
III.	Authority	1
IV.	Participating Agencies.....	1
V.	Reviews and Revisions.....	1
VI.	Publication, Ordering, and Distribution	1

CHAPTER 2 – PERSONNEL

I.	Introduction	2
II.	Pilot Qualifications, Certification, Currency and Experience	2
	A. Pilot Qualifications.....	2
	B. Pilot Certification	2
	C. Currency	2
	D. Training	2
	E. Flight/Duty Hour Limitations	4
	F. Flight Crew	4
III.	SEAT Pilot Carded Ratings.....	4
	A. Level II Rated Pilots.....	4
	B. Level I Rated Pilots	5
IV.	SEAT Manager Position.....	8
	A. General.....	8
	B. SEAT Manager Duties and Responsibilities.....	8
	C. SEAT Manager Duties Established Airtanker Base.....	12
	D. SEAT Manager Training and Experience.....	14
	E. SEAT Manager's Kit.....	15
	F. Mandatory Guides, References, Materials and Forms	16
V.	SEAT Coordinator Position.....	16
	A. Introduction.....	16
	B. SEAT Coordinator Duties and Responsibilities.....	16
	C. Qualifications Prerequisites	18
	D. Experience Requirements	18
	E. Nomination Approval Process	18

CHAPTER 3 - OPERATIONAL PLANNING

I.	Introduction	19
II.	Types of Flight Missions.....	20
	A. Ferry Flight or Repositioning of Aircraft	20
	B. Initial Attack Missions.....	20
	C. Extended Attack Missions	20

D.	Fire Missions within an Incident Management Team Structure	20
E.	Day/Night Flight Limitations.....	21
F.	Flight Over Congested Areas	21
G.	<i>Practice</i> Flights	21
III.	Obtaining Aircraft	21
A.	Call-When-Needed Contracts	22
B.	Exclusive Use Contracts	22
IV	Preparing for SEAT Operations	22
A.	Funding.....	22
B.	Facilities.....	23
C.	Aircraft Management.....	23
D.	Operational Planning	23
E.	Aircraft Ordering	24
F.	Availability	24
G.	Meals	24
H.	Lodging.....	24
I.	Jettison Area	24

CHAPTER 4 - FLIGHT FOLLOWING, RESOURCE TRACKING, AND COMMUNICATIONS

I.	Introduction	25
A.	Definition of Flight Following.....	25
B.	Definition of Resource Tracking.....	25
II.	Flight Following	25
A.	Flight Following Requirements	25
B.	Methods of Flight Following	26
C.	Documentation Required for Flight Following	26
D.	Flight Following Check-In Facilities	26
E.	Flight Following & Resource Tracking Options and Requirements	27
F.	Check-In Information.....	27
G.	Failure to Meet Check-In Requirements	27
III.	Resource Tracking.....	27
IV.	Communication Requirements	28
V.	Incident Communications Plan and Frequencies.....	28
A.	Flight Following and SEAT Base Air Traffic Control.....	28
B.	Air to Air Tactical Communications and Frequencies	29
C.	Air to Ground Tactical Communications and Frequencies	29
D.	Command Communications and Frequencies	29
E.	Air Guard Communications and Frequencies	29
F.	Communication Requirements and Options	29

CHAPTER 5 - SEAT AIRCRAFT REQUIREMENTS, CAPABILITIES AND LIMITATIONS

I.	Introduction	32
II.	SEAT Aircraft Performance Standards	32
III.	Aircraft Equipment, Communications and Instrument Requirements	32
	A. Avionics Requirements.....	33
	B. Audio Control Systems.....	33
IV.	Tank and Gate Requirements and Standards	33
V.	SEAT Aircraft Markings	34

CHAPTER 6 - SEAT LANDING AREAS

I.	Introduction	35
II.	Planning.....	35
III.	Operation From Established Air Tanker Bases	35
IV.	Operations From Airports and Air Strips	35
V.	Operations From Off Airport (Remote) Areas	36
VI.	Aircraft Security.....	36

CHAPTER 7 - PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS

I.	Introduction	37
II.	Personal Protective Equipment.....	37

CHAPTER 8 - SEAT LOADING AND REFUELING

I.	Introduction	38
II.	Refueling SEAT Aircraft.....	38
III.	SEAT Hot Load / Fueling	39
IV.	Hot Loading Procedures	39
	A. Initial Arrival Procedures	39
	B. Ramp Procedures	40
	C. Retardant/Suppressant Loading Procedures	40
	D. Emergency Procedures	41
	E. General Precautions	41

CHAPTER 9 - SEAT MANAGEMENT AND INCIDENT COMMAND COORDINATION

I.	Introduction	43
	A. Coordination With Incident Command	43
	B. Coordination With Air Operations Branch	43

GLOSSARY	44 -65
----------------	--------